

# PPL Electric Utilities Corp

## Transmission Function Employees

### Job Title & Job Descriptions

#### **006105 Asset Business Info Specialist**

This position is responsible for developing and maintaining centralized asset data repositories, ensuring effective data collection processes, and establishing governance processes supporting data management. Specific job responsibilities include data model development/management and ownership of all distribution asset information, ownership of data collection processes and mechanisms, and asset data analysis and reporting. Through these responsibilities, this position ensures that advanced asset investment decisions can be made in a repeatable, transparent, and optimized manner.

#### **006063 Business Operations Analyst EU**

Providing oversight and guidance to business line personnel on project accounting.

#### **004837 Construction Supervisor**

Directly responsible for ensuring contracted work in PPL EU is completed on time, within budget and to specified quality levels and that all PPL EU policies and procedures are understood and followed by contractors. Acts as the field representative on project teams.

#### **004201 Customer Service Repr-Shift**

Handles verbal and written customer contacts to the Customer Contact Center. Processes and completes all associated follow-up work. Performs customer accounting and credit and collection functions. In conjunction with System Operator and appropriate supervisors, contacts and dispatches personnel to take care of service problems and emergencies.

#### **004757 Director-Operations**

Decisions are guided by resource availability and functional objectives. Provides leadership for the Respond to Customer (RTC) process for Electric Utilities which includes ownership of the metrics, financials, and processes across the entire organization. Accountable for operations of the electric distribution system during both normal and emergency conditions, handling and responding to emergency and outage calls from the receipt of the call, dispatching to the first responders, making the scene safe, troubleshooting and performing initial repairs as well as coordination with the field organization follow-up work and directing field and contracting forces during emergencies. Accountable for ensuring accurate switching plans, clearances and trouble analysis to ensure system availability and ability to restore to customers quickly. Provides oversight of the Emergency Preparedness and business continuity for PPL EU as well as interfacing with other external agencies, contractors, organizations and other utilities. Responsible for facilities records, including the EFD database, providing timely corrections to outage calculations, and responding to 911 calls while maintaining the efficiency and integrity of the control room technology and communication system.

#### **006181 Dispatcher - Shift**

During shifts in conjunction with System Operator and appropriate supervisors, contacts, directs and dispatches personnel to respond to service problems and emergencies.

#### **002905 Engineer**

This position is responsible for performing, under supervision, engineering assignments that are varied and may be somewhat difficult in character, but usually involve limited responsibility. Specific job positions may include assignments in planning, designing and overseeing of the construction, installation, operation and maintenance of electric components systems, and facilities used in the generation, transmission, distribution, and utilization of electrical energy. These tasks are normally technical in nature, and require an understanding of concepts required to evaluate alternatives and propose engineering solutions. Activities include assisting in routine and diagnostic testing of components and systems, and engineering studies.

#### **003861 Facility Records Specialist**

Records and updates electrical and non-electrical records in the appropriate corporate databases.

#### **004794 Mgr- Distribution Operations**

Decisions are guided by resource availability and functional objectives. Accountable for the safe operations and performance of the electric distribution system during both normal and emergency conditions on a 24/7 basis.

Provides leadership to Managers in the area of System Operations and Dispatch. Key interface to 911 emergency centers and outside organizations for distribution related emergencies and operations of the system within appropriate guidelines and regulations.

#### **006250 Operations Engineering Manager**

Decisions are guided by resource availability and functional objectives. Leads employees who act as business owners for our Distribution Management System, Outage Management System, Resource Management Software, Geographical Information System, and integration of our Advanced Metering Infrastructure in Operations. Creates and leads our operations technology roadmap which includes the operation and communication of distributed energy resources. Responsible for the technical aspects of the communication infrastructure of all smart grid devices. Advises PPL Electric Utilities line managers and executive management of the progress in executing the engineering workplan, issues that emerge, and recommended corrective actions.

# PPL Electric Utilities Corp

## Transmission Function Employees

### Job Title & Job Descriptions

#### **006200 Operations Specialist**

This position acts as the owner of Operating Instructions, root-cause software and investigations, our switching and interruption software (TOA), and any other tasks that are performed by Senior Planners in the Distribution Control Center (DCC). This position provides input into training documents and at times will provide direct training to System Operators. This position will provide guidance and direction to other PPL employees to support production of high quality, timely and cost-effective restoration of electrical service and execution of planned work.

#### **001155 Senior Engineer**

The purpose of this job is to perform, with minimal supervision, a variety of engineering tasks in the design, construction, operation and maintenance of systems, structures, facilities and components in generation, transmission, distribution and utilization of electrical energy. The incumbent works as an individual contributor with substantial latitude for unreviewed action or decision. Individuals in this position also provide technical guidance and direction to other PPL employees in support of producing high-quality, timely and cost-effective engineering solutions to technical problems.

#### **005085 Shift Supv-Distribution Ops**

This position provides customers with safe, reliable and competitively priced electric service through the supervision of PPL's electric distribution system operations and dispatching activities during a shift. This position will provide guidance and direction to other PPL employees to support production of high-quality, timely and cost-effective restoration of electrical service and execution of planned work.

#### **006628 Sr Mgr-Transmission Operations**

This position provides leadership to managers in the area of real time transmission operations, operations planning, operations work management, engineering, reliability, safety and compliance. Accountable for the performance and results of the entire Transmissions Operations Department including maintaining necessary regulatory and operational training for Transmission System Operators as well as providing an interface with various regulatory and compliance entities (NERC, NATF, RFC and PJM). Work with internal customers to provide appropriate support to PPLEU customers from transmission operations stand point. Work with internal support organizations to maintain appropriate levels of control room technology and communication systems.

#### **005003 Sr System Operator**

Under general direction, responsible for the more complex directed switching and customer restoration efforts. Works independently with minimal guidance using knowledge of the PPL Permit and Tag process, T&D Operating Instructions, and departmental guidelines. This job is a senior-skill level without formal supervisory responsibility. This position will provide guidance and direction to other PPL employees to support production of high-quality, timely and cost-effective restoration of electrical service and execution of planned work.

#### **005016 Sr Transmission System Operato**

Responsible for overseeing and coordinating the day-to-day activity of multiple Transmission System Operators and providing an overarching view of the entire transmission system. Responsible to coordinate and direct activities among multiple TSO positions, field crews and Relay Test in the event of a system disturbance.

#### **003222 Steno/Clerk-General-KG**

Provides office support services using automated office equipment for word processing, records management, administrative tasks requiring department or function knowledge and experience. Work may be of a confidential nature and involve directing other steno/clerks as assigned.

#### **002930 Supervising Engineer**

Decisions are guided by policies, procedures and business plan. This position receives guidance and oversight from manager. Typically does not perform the work at the level being supervised, but will have individual technical and business related assignments in support of department goals. Coordinates and supervises the daily activities of engineers and technicians in single or closely related fields of professional expertise. Accountable for formal supervision, coaching, counseling, safety leadership and technical guidance to assigned staff in support of producing high-quality, timely and cost-effective solutions to technical and business objectives. The position is also accountable for the technical quality of the group's output and is expected to continuously improve capabilities in this area.

#### **003523 Support Engineer**

The purpose of this job is to perform, with limited responsibility and minimal supervision, a variety of engineering tasks in the design, construction, operation and maintenance of systems, structures, facilities, components and tariffs in generation, transmission, distribution and utilization of electrical energy. The incumbent works as an individual contributor conferring with supervision on unusual matters. Individuals in this position may also provide technical guidance and recommendations to other PPL employees in support of producing high-quality, timely and cost-effective engineering solutions to technical problems.

#### **001274 System Operator**

The System Operator (SO) is responsible for coordinating and directing the minute-to-minute operation of the PPLEU transmission and distribution (T&D) systems (230 kV and below) in a safe, reliable, and economic fashion. The SO works on a 24/7 shift basis to observe the power system for compliance with voltage and power flow schedule, for the the status and well-being of system electrical equipment, controls and directs the switching activities on three-phase facilities, directs restorative activities for emergent outages, and takes full responsibility for decisions made and their impact upon PPLEU operational results.

# PPL Electric Utilities Corp

## Transmission Function Employees

### Job Title & Job Descriptions

#### **006596 System Operator - NQ**

Under general direction, responsible for the more complex directed single and three-phase switching and customer restoration efforts. Works independently with minimal guidance using knowledge of the PPL Permit and Tag process, T&D Operating Instructions, and departmental guidelines. May provide guidance and direction to other PPL employees to support production of high quality, timely and cost-effective restoration of electrical service.

#### **005512 Trans Ops Outage Reliab Supv**

Decisions are guided by policies, procedures and business plan. This position receives guidance and oversight from the TCC outage planning manager. Coordinates and supervises the activities of engineers and Transmission System Operators (TSOs) in the Outage Planning Section of the Transmission Operations Department. The position is directly responsible for security analysis, long-term and short-term outage planning, and evaluation of risk to the Bulk Electric, 69 kV transmission system and PPLEU customers. Accountable for formal supervision, coaching, counseling, safety leadership and technical guidance to assigned staff in support of producing high quality, timely and cost-effective solutions to technical and business objectives. The position is also accountable for the technical quality of the group's and their individual output and is expected to continuously improve capabilities in this area.

#### **005511 Transmission Ops Support Mgr**

Responsible for overseeing and coordinating the day to day activities of multiple Transmission System Operators (TSO) and Engineers, in transmission operations support roles. This position is responsible to develop and maintain an outage schedule that prioritizes safety, reliability and work production. Provide real time engineering support for Transmission Operations. Provide training for and mentoring of all personnel involved in operations support including the execution of outages and model human performance expectations. In addition, the position is responsible for providing coordination and direction of activities among multiple TCC positions, field crews and Relay Test in the event of a system wide disturbance. Coordinating Long Term outage planning activities to Short Term planning/execution.

#### **006358 Transmission Ops TMS Supvr**

Responsible for providing guidance and direction to Transmission Operations Support staff to support reliable and secure operation of PPL Electric Utility's Transmission System in accordance with FERC, NERC, and RF guidelines, and PJM's and PPL's Reliability Principles and Practices. Ensure that PPL's Transmission Management System (TMS) data quality complies with all applicable NERC Standards.

#### **005209 Transmission System Operato-NC**

Responsible for operating the 69 kV through 500 kV transmission system for PPL Electric Utilities under direct supervision of Transmission System Operator or Senior Transmission System Operator. All primary responsibilities are completed under direction and observation of the Sr Transmission System Operator or Transmission System Operator.

This position works under the direction of the Sr Transmission System Operator or Transmission System Operator to direct the reliable and secure operation of PPL Electric Utility's Transmission System in accordance with FERC, NERC, and RFC guidelines, and PJM's and PPL's Reliability Principles and Practices on a minute to minute basis. The Transmission System Operator-NC directs System Operating, Distribution Operations, and Electrical Test personnel in the operation, maintenance, and installation of Transmission equipment and facilities under the control and responsibility of Transmission Operations.

#### **001275 Transmission System Operator**

Direct the reliable and secure operation of PPL's Transmission System in accordance with FERC, NERC, and RFC guidelines, and PJM's and PPL's Reliability Principles and Practices on a minute-to-minute basis. The Power System Dispatcher directs Regional System Operating, Field Services, and Electrical Test personnel in the operation, maintenance, and installation of transmission equipment and facilities under the control and responsibility of Transmission and Distribution Operations.

#### **006356 TransOps Long Range Planner**

Responsible for performing planning studies for long range outage and risk mitigation for the 69kV to 500 kV transmission systems for PPL Electric Utilities. Collaborates with Asset Management, Distribution Operations, and PCM to review outage work sequences that are in line with PPL EU's portfolio.